

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 39734-176754

First Inventor Shau-Chi CHI

Title AN IMMORTAL CELL LINE DERIVED FROM GROUPE
EPINEPHELUS COIOIDES AND ITS APPLICATIONS THEREIN

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 27]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Pages 2]
a. ☐ Newly executed (original or copy)
b. ☒ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
- 6a. ☐ Priority is claimed under the provisions of 35 U.S.C. § 119
Appln No. _____ filed in _____ on
Appln No. _____ filed in _____ on

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231**ACCOMPANYING APPLICATIONS PARTS**

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies
9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP)

of prior application No: 09 / 450,696

Prior application information: Examiner Patricia A. Duffy

Group / Art Unit: 1645

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

20. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label

26694

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

Name VENABLE

Address P.O. Box 34385

City Washington

State

D.C.

Zip Code

20043-9998

Country U.S.A.

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Fax

202-962-8300

Name (Print/Type)

Fei-Fei Chao, Ph.D.

Registration No. (Attorney/Agent)

43,538

Signature

Fei-Fei Chao

Date

December 6, 2001

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | Not Assigned |
| Filing Date | December 6, 2001 |
| First Named Inventor | Shau-Chi CHI |
| Examiner Name | Patricia A. Duffy |
| Group / Art Unit | 1645 |
| Attorney Docket No. | 39734-176754 |

TOTAL AMOUNT OF PAYMENT (\$) 410

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Number

22-0261

Deposit
Account
Name

Venable

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17
☒ Applicant claims small entity status.
See 37 CFR 1.27

2. ☐ Payment Enclosed

☐ Check ☐ Credit card ☐ Money
Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------------|-----------------------|----------------------|-----------------------|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility filing fee | 370 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1)

(\$) 370

2. EXTRA CLAIM FEES

| | | | | | | | | | | |
|-----------------------|----|--------|---|---|-----------------|---|-------------------|---|---|-------------|
| Total Claims | 14 | -20 ** | = | 0 | Extra Claims | X | Fee from below | = | 0 | Fee Paid |
| Independent Claims | 1 | -3 ** | = | 0 | | X | | = | 0 | |
| Multiple Dependent | | | | | | X | | = | 0 | |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description |
|----------------------|-----------------------|----------------------|-----------------------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 84 | 202 | 42 | Independent claims in excess of 3 |
| 104 | 280 | 204 | 140 | Multiple dependent claim, if not paid |
| 109 | 84 | 209 | 42 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2)

(\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

| Fee Code | Large Entity Fee (\$) | Fee Code | Small Entity Fee (\$) | Fee Description | Fee Paid |
|---------------------|--------------------------------|-------------|--------------------------------|--|-------------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |
| Other fee (specify) | | | | | |

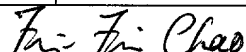
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$) 40

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|----------------------------------|--------|-----------|------------------|
| Name (Print/Type) | Fei-Fei Chao, Ph.D. | Registration No. Attorney/Agent) | 43,538 | Telephone | 202-216-8011 |
| Signature |  | | | Date | December 6, 2001 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

VENABLE
ATTORNEYS AT LAW

SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PC Docs No. DCDocs2/336789

Attorney Docket: 39734-176754

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Shau-Chi CHI**

Serial No.: **To be Assigned**

Art Unit: 1645

Filed: **December 6, 2001**

Examiner: **Patricia A. Duffy**

For: **AN IMMORTAL CELL LINE DERIVED FROM GROUPEP *EPINEPHELUS*
COIODES AND ITS APPLICATIONS THEREIN**

**STATEMENT FOR THE SUBMISSION OF COMPUTER
READABLE FORM IN COMPLIANCE WITH 37 CFR § 1.821**

In compliance with the requirement for "Nucleotide Sequence disclosures in patent application" under 37 CFR § 1.821(f), the undersigned patent attorney for the above identified application hereby submits a computer diskette which contains the computer readable form of the "Sequence Listing" as shown on pages 23-24 of the Specification of the above identified patent application. The "Sequence Listing" is saved under the Text format. The undersigned patent attorney respectfully submits that the information recorded in the computer readable form is identical to the written sequence listing and no new matter has been introduced.

Respectfully submitted,



Fei-Fei Chao, Ph.D.

Reg. No. 43,538

Date: December 6, 2001

Fei-Fei Chao, Ph.D.

Venable, Baetjer, Howard & Civiletti, LLP

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(202) 216-8011